



TOWN OF SOUTHBRIDGE

SOUTHBRIDGE, MASSACHUSETTS 01550-2638

EPA New England
Attn: Justin Pimpare
5 Post Office Square
Suite 100 OEP 06-3
Boston, MA 02109-3912

February, 19 2022

Heather Blakeley, DPW Director
Department of Public Works
Town of Southbridge
185 Guelphwood Road
Southbridge, MA 01550

Dear Mr. Pimpare,

The Town of Southbridge is submitting this NPDES required Annual Report in compliance with the Town of Southbridge's Industrial Pretreatment Program. The report is for the monitoring period "Pretreatment Year" of January 1, 2021 to December 31, 2021.

If you have any questions or need further information please call James Merchant (508) 764-4927.

Sincerely yours,

Heather Blakeley
Director of Public Works

JM/lc
cc: Justine Pimpare, EPA
Net DMR, EPA

SOUTHBRIDGE POTW PROGRAM EFFECTIVENESS

The Town of Southbridge Industrial Users work aggressively to comply with all aspects of the IPP program. Inspectors were satisfied with the level of awareness and the condition of the buildings and operations found during annual site inspections.

Staffing for the pretreatment program is a joint effort between POTW personnel and the Town. The POTW staff monitors the fourteen (14) industrial discharge sites on an annual basis, perform annual site inspections, perform random and demand sampling, follow up on problem areas and maintain pretreatment records. The POTW performs all the work associated with the program until notices of violations are issued. If enforcement actions are necessary the Town provides legal resources to resolve issues. Heather Blakeley, Director of Public Works, for the Town, is the lead person for Industrial Pretreatment Program issues.

The pretreatment program has benefited the wastewater facility to limit metals and toxic chemicals entering the WWTP. In regards to the composting operation and treated effluent discharged there have been no issues in 2021. EPA 503 & MADEP limits were met and there has been no toxicity issues with the treated effluent discharged to the Quinebaug river. The finished compost product in 2021 met Type 1 and exceptional quality criteria under the Commonwealth of Massachusetts, DEP regulations and EPA 503 sludge regulations. The Town has a current Type 1 approval from DEP for the compost product. The material is marketed by Agresource Inc. as a soil amendment and is used primarily for land reclamation, nurseries, top dressing and turf production. The treated effluent from the POTW has been in compliance with NPDES parameters on a consistent basis. Reclaimed water from the WWTP is used by the Millennium Power Plant for cooling purposes.

The Millenium Power Project, located in Charlton, MA officially started operations in May 2001, and is currently using from 0.0 up to 2.0 MGD of treated effluent from the Southbridge wastewater facility for cooling purposes. The effluent from the wastewater facility is treated by rapid sand filtration before being pumped to the power plant. The blowdown from the power plant is returned to the Southbridge wastewater plant at a "zero" to a maximum rate of approx. 1,000,000 gpd depending on the demand/consumption at the power plant. The blowdown is monitored and regulated under the Southbridge pretreatment program.

The Town of Sturbridge discharges by gravity approx. 0.9 to 2.0 million gallons per month of raw sewage to the Southbridge collection system, ultimately being treated at the POTW. If any problems are noted the Sturbridge WWTP is immediately notified and will investigate any issues. Sturbridge also has the capability to divert flow to the Southbridge collection system via the Hall road pumping station drainage area. No flow from the pump station took place this year. No problems have been noted during the pretreatment year.

SOUTHBRIDGE INDUSTRIAL PRETREATMENT PROGRAM

GENERAL REQUIREMENTS

- An updated evaluation of the SIU's under the Town of Southbridge, Pretreatment Program is attached to satisfy the requirement under 40 CFR 403.8 (f) (2) (I) "Attachment A"
- Rolling Quarter Worksheet is included as "Attachment B"
- The Town of Southbridge Sewer use regulation, By-laws, Industrial Regulation and Technically based local limits most recent updates were 5/01/97. Technically Based Local Limits were approved by EPA on 3/11/97 and a re-evaluation report by Stantec was sent to EPA on 6/26/15 per the NPDES permit requirements.
- An audit was completed by EPA on 8/12, 8/13 & 8/14/2019. Report to follow.

SIU'S ANNUAL ACTIVITIES:

INDUSTRIAL USER	ANNUAL INSPECTION BY POTW	ANNUAL SAMPLING BY POTW	INDUSTRIAL USER SELF MONITORING (2) EVENTS REQUIRED	NOV'S
1. Southbridge Business Center (SITE 001-002)	02/17/21	01/13/21 & 01/20/21	03/17/21 (site 001&002) site 001 - 09/17/21 & site 002 - 08/31/21	1
2. United Lens (SITE 003-003A)	10/19/21	03/10/21	05/25/21 & 09/21/21	0
3. Hyde Manufacturing (SITE 005)	09/29/21	07/20/21	05/06/21 & 10/01/21	0
4. Russell Harrington (SITE 007)	10/25/21	07/28/21	04/07/21 & 12/15/21	0
5. Schott Fiber Optics (SITE 008-008A)	09/30/21	05/18/21	05/05/21 & 10/19/21	0
6. CleanPart (SITE 010) & (SITE 010A - Copper treatment system)	09/01/21	04/09/21 & 04/05/21	03/31/21 & 09/21/21 (site 010) 03/31/21 & 11/05/21 (site 010A)	0
8. Millennium Power Plant (SITE011)	10/18/21	07/27/21 *Also tests monthly per permit requirements	03/31/21 & 08/11/21	0
9. Southbridge Power & Thermal (SITE 012)	05/11/21	04/13/21	03/18/21 & 08/19/21	0
10. Alltech Lasers (SITE 013)	05/12/21	04/21/21	04/21/21 & 09/29/21	0
11. Schott Elec-Pac (SITE 014)	05/10/21	04/09/21	5/04/21 & 10/19/21	0

OTHER POTW SAMPLING AND INSPECTION ACTIVITIES:

- Superior cake oil & water separator waste goes to licensed hauler/disposal.

**SOUTHBRIDGE INDUSTRIAL PRETREATMENT
POTW INFLUENT VERSUS ACTIVATED SLUDGE INHIBITION
THRESHOLD INHIBITORY CONCENTRATIONS**

- Threshold limits were taken from the Guidance Manual for the Development of Local Limits,
Table 3-2. (Pilot study values unless noted)

12/09/21 Sample - Pentachlorophenol for Raw WW was ND @ 4.7 ug/L Detection Limit

METAL	THRESHOLD LIMIT VALUES (Mg/l)	POTW INFLUENT METALS (Mg/l) @ Detection Level
a.) Total Cadmium	1-10	< 0.001
b.) Total Chromium	1-100	0.006
c.) Total Copper	1	0.069
d.) Total Lead	10-100 (Lab study)	0.008
e.) Total Mercury	0.1 - 1.0	< 0.002
f.) Total Nickel	5.0	0.006
g.) Total Silver	.25 -5.0	< 0.001
h.) Total Zinc	5.0 -10.0	0.099
I.) Total Cyanide	5.0 (Full scale study)	< 0.010
j.) Total Arsenic	0.1	0.003

**SOUTHBRIDGE POTW
METAL CONCENTRATIONS FOUND IN WASTE SLUDGE/COMPOST**

12/10/21 Sample - Pentachlorophenol analysis for waste sludge was ND @ 6.7 ug/L (Detection Level)

METAL	WASTE SLUDGE RESULTS (Mg/L)	COMPOST RESULTS (Mg/Kg)	TYPE I LIMITS (Mg/Kg)	MA DEP 503 LIMITS (Mg/Kg)
		<u>See attached 503 summary</u>		
a.) Total Cadmium	0.038	"	14	30
b.) Total Chromium	0.677	"	1000	1200
c.) Total Copper	3.23	"	1000	1500
d.) Total Lead	0.344	"	300	300
e.) Total Mercury	< 0.008	"	10	17
f.) Total Nickel	0.291	"	200	420
g.) Total Silver	<0.005	"	N/A	N/A
h.) Total Zinc	2.97	"	2500	2800
I.) Total Cyanide	< 0.036	"	N/A	N/A
j.) Total Arsenic	0.159	"	N/A	41
k.) Total Molybdenum	0.077	"	40	18
l.) Total Selenium	< 0.050	"	N/A	36
m.) Total Boron (water soluble)	0.47	"	300	N/A
n.) PCB's & Pesticides	N/A	"	10	<50
o.) Free Liquids	N/A	"	N/A	N/A
p.) Salmonella	N/A	"	N/A	1000

ND = Below Detection Limits

**SOUTHBIDGE INDUSTRIAL PRETREATMENT
POTW EFFLUENT VERSUS WATER QUALITY CRITERIA
FOR THE PROTECTION OF AQUATIC LIFE**

- Threshold limits were taken from the Guidance Manual for the Development of Local Limits,
Table 3-1. 12/09/21 Sample - Pentachlorophenol for effluent was ND @ 4.7 ug/L Detection Level

**EFFLUENT VS WATER QUALITY CRITERIA
CHRONIC VALUES IN Mg/l**

METAL	RECEIVING STREAM CRITERIA (Mg/l)	POTW EFFLUENT METALS (Mg/l)
a.) Total Cadmium*	0.0004	< 0.001
b.) Total Chromium*	0.0665 (Tri-chromium value)	< 0.001
c.) Total Copper*	0.0036	< 0.003
d.) Total Lead*	0.0005	0.001
e.) Total Mercury	0.000012	< 0.0002
f.) Total Nickel*	0.0039	0.005
g.) Total Silver*	0.012	< 0.001
h.) Total Zinc*	0.0327	0.016
I.) Total Cyanide	0.0052	< 0.010
j.) Total Arsenic	0.190	< 0.002

**EFFLUENT VS WATER QUALITY CRITERIA
ACUTE VALUES IN Mg/l**

METAL	RECEIVING STREAM CRITERIA (Mg/l)	POTW EFFLUENT METALS (Mg/l)
a.) Total Cadmium*	0.0008	< 0.001
b.) Total Chromium*	0.5579 (Tri-chromium value)	< 0.001
c.) Total Copper*	0.0048	< 0.003
d.) Total Lead*	0.0140	0.001
e.) Total Mercury	0.0024	< 0.0002
f.) Total Nickel*	0.4389	0.005
g.) Total Silver*	0.0004	< 0.001
h.) Total Zinc*	0.0362	0.016
I.) Total Cyanide	0.0052	< 0.010
j.) Total Arsenic	0.36	< 0.002

* Hardness dependent metals were calculated using the hardness of the receiving stream. 25 mg/l was used as a default per the Federal Register. All other metals are not hardness dependent.

NOTE: < represents < RL/PQL. It should be noted that the POTW requested from the outside lab to perform the lowest detection level possible for the analysis of wastewater effluent.

**SOUTHBRIDGE POTW
2021 EFFLUENT TOXICITY TEST RESULTS
NPDES PERMIT MA0100901**

DATE	LC 50 ACUTE Pimephales	NOEL CHRONIC Pimephales	NPDES PERMIT LIMITS
February 2021	>100 % --	-- 100 %	100 % Min 31% Min
May 2021	>100 % --	-- 100 %	100 % Min 31 % Min
August 2021	>100 % --	-- 100 %	100 % Min 31 % Min
November 2021	>100 % --	-- 100 %	100 % Min 31 % Min

- The NPDES permit requires testing on the second week of February, May, August & November.

<p style="text-align: center;">SOUTHBRIDGE POTW ANNUAL REPORT SUMMARY FOR COMPLIANCE AND ADDITIONAL NOTES</p>
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1. An updated status of all Significant Industrial Users is included as **“Attachment A”**
2. “Rolling Quarter” evaluation is included as **“Attachment B”**
3. EPA’s “Pretreatment Annual Report Summary” is included as **“Attachment C”**
4. No interference with the biological process occurred during the past year.
5. No pass-through has occurred during the past year
6. No monitoring, sewer inspections or evaluations were done by the POTW during the past year to detect interference or pass-through.
7. No administrative orders have been issued during the year.
8. No criminal or civil suits have been filed during the year.
9. No fines have been issued this year.

ATTACHMENT B

SOUTHBRIDGE FINISHED COMPOST ANALYSIS REPORT SUMMARY FOR 2021

PARAMETER	(JAN -FEB-MAR) 1ST QUARTER	(APR-MAY-JUNE) 2ND QUARTER	JULY-AUG-SEPT) 3RD QUARTER	(OCT-NOV-DEC) 4TH QUARTER	MA-DEP LIMITS TYPE 1 mg/Kg	FEDERAL 503 REGS. MONTH AVG. mg/Kg
<u>Sample dates:</u>	One sample event 2/11/2021	One sample event 5/11/2021	One sample event 8/10/2021	One sample event 11/11/2021		
TOTAL METALS	* Highest value of four quarters highlighted					
ARSENIC	8.8 mg/Kg	12.7 mg/Kg	8.0 mg/Kg	4.5 mg/Kg	N/A	41
CADMIUM	2.63 mg/Kg	3.56 mg/Kg	2.48 mg/Kg	0.78 mg/Kg	14	30
CHROMIUM	42.8 mg/Kg	71.2 mg/Kg	41.6 mg/Kg	23.3 mg/Kg	1000	1200
COPPER	222 mg/Kg	258 mg/Kg	175 mg/Kg	174 mg/Kg	1000	1500
LEAD	21.8 mg/Kg	35.2 mg/Kg	22.9 mg/Kg	9.43 mg/Kg	300	300
MERCURY	0.20 mg/kg	0.13 mg/kg	0.09 mg/kg	0.09 mg/kg	10	17
MOLYBDENUM	11.1 mg/Kg	13.8 mg/Kg	8.55 mg/Kg	4.39 mg/Kg	40	18
NICKEL	13.4 mg/Kg	16.4 mg/Kg	12.3 mg/Kg	11.2 mg/Kg	200	420
SELENIUM	BDL @ 2.9 mg/Kg	BDL @ 3.2 mg/kg	BDL @ 2.8 mg/kg	BDL @ 2.3 mg/kg	N/A	36
ZINC	202 mg/Kg	296 mg/Kg	194 mg/Kg	130 mg/Kg	2500	2800
FREE LIQUIDS	Pass	Pass	Pass	Pass		
PCB'S & PESTICIDES	No Detection	No Detection	No Detection	No Detection	1	<50
BORON (WATER SOLUBLE)	25.5 mg/Kg	27.6 mg/Kg	14.3 mg/Kg	13.6 mg/Kg	300	N/A
% TOTAL SOLIDS	48	44	43	54		
Total Nitrogen by calc	21,500 mg/Kg	30,700 mg/Kg	22,400 mg/Kg	22,000 mg/Kg		
NH3-N (Ammonia)	8390 mg/Kg	8,800 mg/Kg	3,970 mg/Kg	6,610 mg/Kg		
N03-N (Nitrate)	87.5 mg/Kg	758 mg/Kg	683 mg/Kg	155 mg/Kg		
TOTAL PHOSPHORUS	15,800 mg/Kg	10,700 mg/kg	9,520 mg/Kg	9,970 mg/Kg		
TOTAL POTASSIUM	2420 mg/Kg	3,100 mg/Kg	1,750 mg/Kg	1310 mg/Kg		
Salmonella (MPN per 4 grams)	<0.12	<0.12			N/A	<3 MPN (CLASS A)
Fecal Coliform			200	<10		1000 MPN (CLASS A)
PH UNITS	7.90 pH Units	7.16 pH Units	7.62 pH Units	7.97 pH Units		
PFAS/PFOS	37.01 & 35.56 ng/g 2/11/2021	41.78 & 45.29 ng/g 5/11/2021	40.95 & 38.93 ng/g 8/10/2021	39.65 & 39.14 ng/g 11/11/2021		

“ATTACHMENT A”

ANNUAL REVIEW OF SIU’S TO DETERMINE CATEGORICAL STATUS

**TOWN OF SOUTHBIDGE
INDUSTRIAL PRETREATMENT PROGRAM
CATEGORICAL STATUS OF SIU'S**

Updated 1/21/2021

DEFINITIONS:

CATEGORICAL IU: (CIU) Any user listed under 40 CFR-parts 405 to 471

NON-CATEGORICAL IU: (NCIU) An industrial discharge of 25,000 gpd or more or an industrial discharge that could cause problems within the collection system, at the POTW, or compromise worker health and safety, or cause pass-through of treatment systems or sludge contamination at the POTW.

SIU'S UNDER THE TOWN OF SOUTHBIDGE PRETREATMENT PROGRAM:

1. Southbridge Business Center	User Permits: 001, 002
31/98 under Franklin Reality Corp.	Permits issued: New permit 02/2018, exp. 02/2023
DBA "Southbridge Business Center"	Misc. Manufacturing (SIC 3999)
14 Mechanic Street	Power House (SIC 3079)
Southbridge, MA 01550/	

Processes Discharged to the POTW:

The only waste discharged to the POTW are from facilities controlled by the Southbridge Business Center/Franklin Reality. (SBC) Rental space for businesses is looked at on a case by case basis and are subject to individual Town Industrial User Permits. Current tenants under the IPP program are;

1. Southbridge Power & Thermal plant (Permitted Site 012) blowdown discharge is approx. "0" to 10,000 gpd directly to the Schott PS force main to the Southbridge POTW .
2. All Tech Lasers (Permitted Site 013) discharges into the SBC sewer system.
3. CleanPart (Permitted Site 010) discharges into the SBC sewer system.
4. Schott Elec Pac (Permitted Site 014) is a CIU and discharges into the SBC sewer system.

SBC Wastewater Treatment Facilities Discharged to the POTW:

NONE

Classification: Non-Categorical Industrial User, under the Pretreatment program due to flows discharged into the collection system and potential for discharges of wastes that could cause problems at the POTW.

2. United Lens, Inc.
259 Worcester Street
Southbridge, MA 01550

User Permits: 003, 003A
Permits issued: **New Permit 02/2018, exp. 02/2023**
Glass products (SIC 3229)
& glass finishing

United Lens:

Processes Discharged to the POTW:

All waste from the processing areas, enters the on-site holding tank prior to processing through a plate and frame press. All filtrate from the plate and frame press is discharged to the POTW and regulated under the pretreatment program. The only other source of wastewater is rest rooms.

Wastewater Treatment Facilities/Processes Discharged to the POTW:

Plate & Frame filtrate. Flows are approx. 2,500 gallons per run, one to two times per week.

Classification: Non-Categorical Industrial User, under the program due to the potential to discharge concentrated metal wastes into the sewer system.

3. Hyde Manufacturing Inc.
54 Eastford Road
Southbridge, MA 01550

User Permits: 005
Permits issued: **New Permit 02/2018, exp 02/2023**
Hand Tool & Machine Blades (SIC 34 & 23)

Processes Discharged to the POTW:

The wastewater discharged to site 005 is approx. 2,000 to 3,000 gpd. The only wastewater to site 005 is process area personnel wash sinks, cooling water and rinse water from cleaning production parts, after oil & grease removal. A Henry Filter removes coarse metal from the wastestream and it is disposed of by a hauler.

Wastewater Treatment Facilities Discharged to the POTW:

NONE

Classification: Non-Categorical Industrial User, under the program due to the potential to discharge oils & grease and metal wastestreams.

4. User Permit 006: Out of Business

5. Dexter-Russell, Inc.
44 River Street
Southbridge, MA 01550

User Permits: 007
Permits issued: **New permit 01/2018, exp 01/2023**
Knives Manufacturing (SIC 3421)
Putty knives and scrapers

Processes Discharged to the POTW:

The only wastewater discharged to site 007 is rest rooms, a final steam rinse condensate from a washer at 2 gpm, a washing machine used for wiping rags from the final inspection operation (approx. 20 gals per batch, 2-3 batches per week), seven small batch brush washers (total of all seven, 350 gpd), a Jensen washer to remove polishing compound at 8,000 gpd, and a small distillation unit at 1-3 gpd for cooling the coil. Total discharge is approx. 12,000 gpd.

Wastewater Treatment Facilities Discharged to the POTW:

NONE

Classification: Non-Categorical Industrial User, under the program due to the potential to discharge oil & greases, metal wastestreams and cutting/coolant waste.

6. Schott Fiber Optics
122 Charlton Street
Southbridge, MA 01550

User Permits: 008, 008A
Permits issued: **New Permit 01/2018, exp. 01/2023**
Glass Manufacturing (SIC 3827)
& Glass finishing (SIC 3841)

Processes Discharged to the POTW:

The wastestreams discharged to site 008 are restrooms, small amounts of water from the glass etching process and the treated wastewater from the pretreatment plant. Site 008A, pretreatment facility is monitored under the IPP program.

All production areas are discharged to the pretreatment plant storage tank. Approx. 2,000 gpd. These production areas are sinks, grinding and polishing processes and cooling waters. The treatment plant runs a few days per week to treat for cadmium/lead waste. A final pH adjustment is made prior to discharge.

Wastewater Treatment Facilities Discharged to the POTW: Site 008A

The cadmium/lead removal plant uses an equalization tank, chemical addition for coagulation, lamella clarifier for solids separation and an effluent holding/mix tank for pH adjustment before final discharge. A vacuum filter is used for sludge dewatering. The treatment plant is operated at approx. 6 to 8 gpm with a maximum design flow of 15 gpm.

Classification: Non-Categorical Industrial User, under the program due to the potential to discharge Lead & Cadmium waste to the sewer system.

7. User permit 009 out of business

8. CleanPart East, LLC
10 Cabot Street, Suite 100
Southbridge, MA 01550

User Permits: 010, 010A
Permits issued: **New Permit 09/2018, expires 09/2023**
Parts cleaning for Semi-conductor Industry
In Southbridge Business Center

Processes Discharged to the POTW:

One process discharge to the POTW is pH adjusted scrubber water. A second process is the copper treatment area to reduce Total Copper below 0.1 mg/L. All other processes in the facility are sent to the scrubber.

Wastewater Treatment Facilities Discharged to the POTW:

Holding tanks and ph neutralization have been installed at the facility.

Copper treatment effluent to level <0.1 mg/L Total Copper.

Classification: Categorical Industrial User, under the program due to the potential to discharge metal waste to the sewer system.

9. Millenium Power Partners
278 Southbridge rd, Suite B
P.O. Box 588
Charlton, MA 01507-0588

User Permits: 011
Permits issued: **New Permit 02/2017, exp 02/2022**
Natural Gas Power Plant (SIC 221112 NAICS)
(NAICS has replaced SIC Codes in 1997)

Processes Discharged to the POTW:

The wastewater discharged is process area personnel wash sinks, bathrooms, and blowdown/cooling water from the cooling tower. The blowdown discharge is permitted to 800,000 gpd.

Wastewater Treatment Facilities Discharged to the POTW:

Oil & Grease separator is present at the power plant. The unit is maintained via a work order program and the discharge is sampled monthly. No problems have been noted to date with the results of the O&G separation unit.

Classification: Categorical Industrial User for Steam/Electric Power Generating under 40 CFR 423.17. Under the program due to the CFR regulations.

10. Southbridge Power & Thermal
100 Mechanic street, Unit 1
Southbridge, MA 01550

User Permits: 012
Permits issued: **New Permit 08/2017, exp 08/2022**
Power Plant (SIC 4931, 4941, 4911, 4961 & 4939)

Processes Discharged to the POTW:

The wastewater discharged is process area personnel wash sinks, bathrooms, and blowdown/cooling water from the power generation/steam process. Discharge to POTW is approx. 10,000 gpd

Wastewater Treatment Facilities Discharged to the POTW:

NONE

Classification: Non-Categorical Industrial User, under the program due to the volume of water discharged and potential to discharge cooling water treatment chemicals.

Determination of non-categorical was made by DEP & Town of Southbridge

11. Alltech Laser Technology
50 Optical drive, Suite 190
Southbridge, MA 01550

User Permits: 013
Permits issued: **New Permit 05/2018, exp 05/2023**

Processes Discharged to the POTW:

The wastewater discharged is process area personnel wash sink and parts washer. Discharge to POTW is a batch tank after pH check. Approx. 80 gals per batch. This is a parts cleaning operation and not a surface preparation for application process.

Wastewater Treatment Facilities Discharged to the POTW:

NONE

Classification: Non-Categorical Industrial User, under the program due to the potential to have metals in wash water. Determination of non-categorical was made by EPA & Town of Southbridge

12. Schott Elec-Pac
50 Optical drive, Suite 190
Southbridge, MA 01550

User Permits: 014
Permits issued: **New Permit 10/2016, exp 10/2021**
*permit renewal currently under review

Processes Discharged to the POTW:

The wastewater discharged is from the pretreatment process to reduce metals in the wastestream. Discharge to POTW is a batch tank after compliance & pH check. Approx. 2,000 gals per batch. This is a metal finisher operation.

Wastewater Treatment Facilities Discharged to the POTW:

Pretreatment facility to holding tank

Classification: Categorical Industrial User, under the program due to the potential to have metals in wash water. Metal Finishing Process Category

“ATTACHMENT B”

**ROLLING QUARTER EVALUATION TO DETERMINE
SIGNIFICANT NON-COMPLIANCE (SNC)**

**SOUTHBRIDGE POTW
EVALUATION FOR SIGNIFICANT NON-COMPLIANCE
AND ADDITIONAL NOTES
January 1, 2021 to December 31, 2021**

1. Southbridge Business Center, Site 001 – No SNC
Southbridge Business Center, Site 002 - No SNC
2. United Lens, Site 003 – No SNC
3. United Lens, Site 003A – No SNC
4. Hyde Manufacturing, Site 005 – No SNC
5. Dexter- Russell, Site 007 – 1 SNC A required self-monitoring report was submitted 65 days after the due date. The CFR regulation for SNC criteria allows 45 days for late reporting before SNC occurs.
6. Schott Fiber Optics, Site 008 & 008A – No SNC
7. CleanParts LLC, Site 010 – No SNC
CleanParts LLC, Site 010A – No SNC (Copper treatment batch tank) Each batch is tested for copper compliance before discharge. If over limit the batch is retreated until it is in compliance with limits.
8. Millenium Power Partners, Site 011 – No SNC
9. Southbridge Power & Thermal, Site 012 – No SNC
10. Alltech Lasers, Site 013 – No SNC
10. Schott Elec Pac, Site 014 – No SNC

“ATTACHMENT C”

EPA ANNUAL REPORT SUMMARY

PRETREATMENT ANNUAL REPORT SUMMARY

GENERAL INFORMATION:

Name: Town of Southbridge POTW

Address: 83 Dresser Hill Road, P.O. Box 1020 City: Southbridge

State/Zip: MA 01550

Coordinator Name: James Merchant Phone: 508-764-4927 COOR

NPDES Permit Number: MA0100901 NPID

Reporting Period – Start Date: 01/01/2021 PSSD

Reporting Period – End Date: 12/31/2021 PSED

Total Number of SIUS: 7 SIUS

Total Number of CIUS: 3 CIUS

SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS (PRESENT STATUS):

Number of CIU's Submitting BMR's/ # Required: 0 / 0

Number of CIU's Submitting 90-Day Compliance Reports/ # Required: 0 / 0

Number of CIU's Submitting Semiannual Reports/ # Required: 3/3

Number of SIU's in Significant Noncompliance w/Pretreatment

Compliance Schedules/Number Required to Meet Schedules: 0/0 SSNC

Number of SIU's in SNC with Self-Monitoring Requirements: 0 MSNC

Number of SIU's in Significant Noncompliance with either Effluent

Violations or Reporting Violations/Total SIU's: 1/7 PSNC

Number of CIU's in Significant Noncompliance with either Effluent

Violations or Reporting Violations/Total SIU's: 0/3 CISN

COMPLIANCE MONITORING PROGRAM (LAST 12 MONTHS):

Number of SIU's with expired permits: 1 NOCM

Number of SIU's with permits expired for 180 days or more: 0 RDNC

Number of SIU's not inspected by POTW at least once in the last 12 months: 0 NOIN

Number of SIU's not sampled by POTW at least once in the past 12 months: 0 RDN1

Number of SIU's in SNC with Self Monitoring or Reporting and not

Inspected or Sampled in the past 12 months: 0 SNIN

ENFORCEMENT ACTIONS (LAST 12 MONTHS)

Number of Compliance Schedules Issued/Number Required: 0/0 COMP

Number of Notices of Violation Issued to SIU's: 1 VINO

Number of Administrative Orders Issued to SIU's: 0 ADOR

Combined Total of Administrative Orders and Notices of Violation: 0 FENF

Civil Suits Filed Against SIU's: 0 CIVL

Criminal Suits Filed Against SIUS's: 0 CRIM

Combines Total of Civil Suits and Criminal Suits: 0 JUDI

Number of SIU's published in the Newspaper as Significant Violations: 1 SVPU

Number of SIU's from which penalties were collected/assessed: 0 IUPU

Total Amount of Penalties Collected/Pending (Total Dollars): \$ 0.00 PAMT

Number of SIU's Subject to Any Enforcement Action: 0 NENF

(AR_REMIN.LTR)



TOWN OF SOUTHBRIDGE

SOUTHBRIDGE, MASSACHUSETTS 01550-2638

January 21, 2021

Heather Blakeley, Director of Public Works
Town of Southbridge, DPW
185 Guelphwood Road
Southbridge, MA, 01550

Dear Heather,

To comply with the requirements of the Code of Federal Regulations, 40 CFR 403.8 (f) (2) (vii) and the Town's Industrial Pretreatment Program the following information must be published in the local newspaper.

If you have any questions or need additional information please let me know.

Sincerely,

James Merchant
Project Manager, Veolia North America

LEGAL

To comply with the requirements of the Town of Southbridge's Industrial Pretreatment Program and Federal Regulation 40 CFR 403.8 (f) (2) (vii) the Town must publish a list of Significant Industrial Users who have been in significant non-compliance (SNC) of the pretreatment discharge limitations. The following results are for the monitoring period of October 1, 2020 through December 31, 2021 (15 months) to comply with the "rolling quarters" evaluation criteria. Technically based local limits were approved on 3/11/97.

INDUSTRIAL USER	SITE LOCATION	SIGNIFICANT NON-COMPLIANCE (SNC) TECHNICAL REVIEW CRITERIA
Dexter Russell	007	SNC for late report past the 45 day limit allowed under the CFR regulations